

BAR BENDING SCHEDULE

**Aircraft Maintenance Hangers
Project Jeddah**

Drawing No:- 433-A003-S-SH-07-F-4051 Rev 11 Date Prepared 26-07-2014 SHEET 1 OF 14

NOTES / LEGENDS

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- ALL LEVELS ARE IN M UNLESS OTHERWISE NOTED.
- COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS = 35 Mpa.
- REFERENCE FINISH GROUND FLOOR ELEVATION = 0.0 (0.0= +10.10m MSL).
- GRADE OF STEEL = A615M GRADE 420.
- COVER FOR FOUNDATION REINFORCEMENT
 - CAST AGAINST SOIL OR BLINDING - 75 mm
 - NOT CAST AGAINST SOIL OR BLINDING - 50 mm
- LEGEND FOR CALLOUT
 - REMARKS
 - SPACING
 - BAR MARK
 - BAR SIZE
 - NO OF PLACES
 - MULTIPLIER
- ABBREVIATION
 - B1 - BOTTOM FIRST LAYER
 - B2 - BOTTOM SECOND LAYER
 - T1 - TOP FIRST LAYER
 - T2 - TOP SECOND LAYER
 - TOC - TOP OF CONCRETE
 - SF - SIDE FACE
 - ES - EACH SIDE
 - TYP. - TYPICAL
 - SOG - SLAB ON GRADE
 - TOP - TOP OF FOOTING
 - REQ. - REQUIRED
 - T - THICKNESS
 - IJ - ISOLATION JOINT
 - MJ - MOVEMENT JOINT
 - EF - EACH FACE

CLASS	CLASS A		CLASS B	
	SA	SB	SA	SB
10	270	355	355	460
110	340	440	440	575
112	410	530	530	695
116	545	705	705	915
120	680	890	890	1145
125	1060	1375	1375	1785
132	1355	1760	1760	2285

MEMBER	BAR MARK	NO OF MBRS	NO. OF BARS IN EACH	QTY	SIZE	TOTAL LENGTH	SHAPE CODE	A mm*	B mm*	C mm*	D mm*	E mm*	F mm*	G mm*	H mm*	J mm*	K mm*	O mm*	R mm*	TOTAL Wt KG	BAR SHAPE		
B2	01	1	20	20	T 25	10075	17		1700	8375											776.55		
B2	02	1	20	20	T 25	8700	17		1700	7000												670.57	
B4	03	1	10	10	T 25	8375	0		8375													322.76	STRAIGHT
B4	04	1	10	10	T 25	7000	0		7000													269.77	STRAIGHT
T2	05	1	20	20	T 25	5400	17		1700	3700												416.22	
T2	06	1	20	20	T 25	6775	17		1700	5075												522.20	
T4	07	1	10	10	T 25	3700	0		3700													142.59	STRAIGHT
T4	08	1	10	10	T 25	5075	0		5075													195.58	STRAIGHT
B3	09	1	37	37	T 25	5900	0		5900													841.30	STRAIGHT
B1	10	1	74	74	T 25	9300	17		1700	5900	1700											2652.23	
Weight																				6809.77			

REFERENCE DRAWINGS

S.No.	DRAWING NUMBER	REV	TITLE
01	433-A003-S-FD-01-F-0000	01	OVERALL FOUNDATION PLAN
02	433-A003-S-FD-01-F-1004	03	FOUNDATION PLAN AREA AA4
03	433-A003-S-FD-01-F-1005	03	FOUNDATION PLAN AREA AA5
04	433-A003-S-FD-01-F-0201	01	TYPICAL FOUNDATION LEVEL DETAILS
05	433-A003-S-FD-01-F-0203	02	COMBINED FOUNDATION DETAILS
06	433-A003-S-FD-01-F-0001	02	FOUNDATION SCHEDULE AND TYPICAL DETAILS
07	433-A003-S-FD-01-F-0011	03	CONCRETE COLUMN SCHEDULE
08	433-A003-S-FD-01-F-0012	02	CONCRETE SHEAR WALL SCHEDULE

KEY PLAN

REVISION:

REV	DESCRIPTION	PREPARED	CHECKED	DATE
11	COLUMN (CC3-08) STARTER REVISED	AA	NP	26.07.2014
10	ISSUED FOR APPROVAL	AA	NP	23.07.2014

DRAWING BY	DESIGNED BY	CHECKED BY	APPROVED BY	DATE

APPROVED AS SUBMITTED	APPROVED WITH IND. CHANGES	DISAPPROVED, RESUBMIT

PROJECT NAME:
CLIENT:
ENGINEER:

CONTRACTOR:
PHASE & DISCIPLINE:

DRAWING TITLE:
**SUPPLY CHAIN
COMBINED FOOTING, COLUMN & WALL STARTER
REINFORCEMENT DETAILS - AREA AA4
SHEET 1 OF 1**

PROJECT NUMBER	DRAWING NUMBER	REV.
	433-A003-S-SH-07-F-4051	11